AUTO NEG | AUTO CROSS | LINK PASS THRU | AUTO LINK RESTORE | PAUSE | FIELD UPGRADEABLE FIRMWARE | SOURCE ADDRESS CHANGE

see also: 100/1000 Bridging Point System™ Slide-In-Module Media Converters

stand-alone media converter

SGFEB1xxx-15x & SGFEB1x40-170

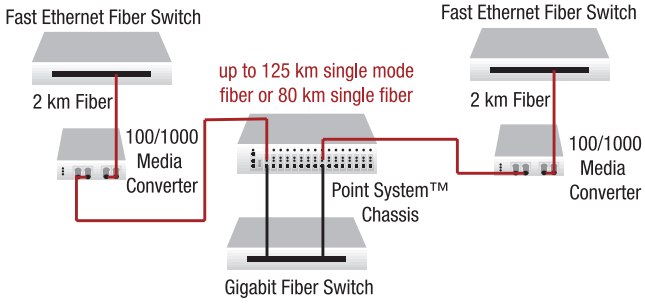
100/1000 Bridging Media Converter

(-150)

(-170)

Features

- Extend Network Distance
- Bridge legacy 100Base-FX devices to a Gigabit fiber backbone
- Secure Uni-directional transmission
- Auto-Negotiation (1000Base-X ports)
- Link Pass Through
- Far-End-Fault (100Base-FX ports)
- Pause
- Automatic Link Restoration


Fast Ethernet Fiber Switch
2 km Fiber
100/1000 Media Converter
up to 125 km single mode fiber or 80 km single fiber
Point System™ Chassis
Gigabit Fiber Switch
Fast Ethernet Fiber Switch
2 km Fiber
100/1000 Media Converter

Ordering Information

SGFEB1313-150
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-SX 850nm MM (SC)
[62.5/125 µm: 220 m/722 ft.]
[50/125 µm: 550 m/1804 ft.]
Link Budget: 7.0 dB

SGFEB1324-150
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-LX 1310nm Extended MM (62.5/125 µm fiber only) (SC)
[up to 2 km] Link Budget: 7.0 dB

SGFEB1314-150
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-LX 1310nm SM (SC)
[10 km/6.2 mi.] Link Budget: 7.0 dB

SGFEB1315-150
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-LX 1310nm SM (SC)
[25 km/15.5 mi.] Link Budget: 15.0 dB

SGFEB1317-150
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-LX 1550nm SM (SC)
[65 km/40.4 mi.] Link Budget: 20.0 dB

SGFEB1335-150
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-LX 1550nm SM (SC)
[125 km/77.7 mi.] Link Budget: 27.0 dB

SGFEB1340-170
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-X SFP Slot (empty)

SGFEB1440-170
100BASE-FX 1310nm SM (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB
to 1000BASE-X SFP Slot (empty)

Single Fiber Products

Recommended use in pairs

SGFEB1329-150
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-LX 1310nm TX/1550nm RX single fiber SM (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

SGFEB1329-151
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-LX 1550nm TX/1310nm RX single fiber SM (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

Ordering Information

SGFEB1329-152
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-LX 1310nm TX/1550nm RX single fiber SM (SC)
[40 km/24.9 mi.] Link Budget: 20.0 dB

SGFEB1329-153
100BASE-FX 1300nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1000BASE-LX 1550nm TX/1310nm RX single fiber SM (SC)
[40 km/24.9 mi.] Link Budget: 20.0 dB

SGFEB1429-150
100BASE-FX 1310nm SM (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB
to 1000BASE-LX 1310nm TX/1550nm RX single fiber SM (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

SGFEB1429-151
100BASE-FX 1310nm SM (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB
to 1000BASE-LX 1550nm TX/1310nm RX single fiber SM (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

SGFEB1429-152
100BASE-FX 1310nm SM (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB
to 1000BASE-LX 1310nm TX/1550nm RX single fiber SM (SC)
[40 km/24.9 mi.] Link Budget: 20.0 dB

SGFEB1429-153
100BASE-FX 1310nm SM (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB
to 1000BASE-LX 1550nm TX/1310nm RX single fiber SM (SC)
[40 km/24.9 mi.] Link Budget: 20.0 dB

Optional Accessories (sold separately)

SFP Modules

Wide Input (24 - 60 VDC) Power Supplies
SPS-2460-PS or SPS-2460-SA

Mounting Options

E-MCR-05
12-Slot Media Converter Rack

RMS19-SA4-01
4-Slot Media Converter Shelf

WMBD
DIN Rail Mount Bracket 5.0" [127 mm]

WMBL
Wall Mount Bracket 4.0" [102 mm]

TRANSITION NETWORKS